

10/518183
DT01 Rec'd PCT/PTO 16 DEC 2004
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT EXAMINING OPERATION

#2

Applicant(s): Rainer BOTT et al

Serial No: U.S. national phase of
PCT/EP2003/005068, filed May 14, 2003

Group Art Unit: *

Filed: December 16, 2004

Examiner: *

Att. Docket No.: M1211/20018

Confirmation No.: 03000

For: METHOD FOR EQUALISING AND DEMODULATING A DATA SIGNAL
WHICH IS TRANSMITTED VIA A TIME-VARIANT CHANNEL

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. No copies of U.S. patents or U.S. patent application publications are attached. 37 CFR § 1.98(a)(2)(ii). It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. No representation is made that the reference(s) is/are prior art with respect to this application.

10/518183

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International Application No. PCT/EP2003/005068
IDS dated December 15, 2004

The reference(s) was/were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

Respectfully submitted,

CAESAR, RIVISE, BERNSTEIN,
COHEN & POKOTILOW, LTD.

December 16, 2004

Please charge or credit our Account
No. 03-0075 as necessary to effect
entry and/or ensure consideration of
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By Frank Linguiti
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D101 Rec'd PC/PTC 16 DEC 2004

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheet as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	107518183
Filing Date	December 16, 2004
First Named Inventor	Rainer BOTT
Group Art Unit	
Examiner Name	
Attorney Docket Number	M1211/20018

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)			
		6,134,277			Shah	10-17-2000
		6,320,919			Khayrallah et al.	11-20-2001
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office	Number	Kind Code (if known)		
		EP	0 731 587		AT&T Corp.	09-11-1996
		WO	00/24.168		Ericsson, Inc.	04-27-2000

OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		Gligorevic et al: "A New Approach To Tracking Time-Variant Channels", 5 th International Symposium on Wireless Personal Multimedia Communications Proceedings (Cat. No. 02EX568), 5 th International Symposium on Wireless Personal Multimedia Communications, Honolulu, HI, USA, 27-30 Oct. 2002, pages 1342-1345, vol. 3, XP002247193 2002, Piscataway, NJ, USA, IEEE, USA ISBN: 0-7803-7442-8	
		Diggavi et al.: "Intercarrier Interference in MIMO OFDM", 2002 IEEE International Conference on Communications, Conference Proceedings. ICC 2002 (Cat. No. 02CH37333), Proceedings of IEE International Conference on Communications, New York, NY USA, 28 April-2 May 2002, pages 485-489, vol. 1, XP010589542 2002, Piscataway, NJ USA, IEEE, USA ISBN: 0-7803-7400-2, Section I-II, Abstract	
		Won GI Jeon et al.: "An Equalization Technique for Orthogonal Frequency-Division Multiplexing Systems in Time-Variant Multipath Channels", IEEE Transactions on Communications, Jan 1999, IEEE, USA, vol. 47, no. 1, pages 27-32, XP002211507, ISSN: 0090-6778, Section I-II, IV, Abstract	
		Burow et al: "On The Performance of the DVB-T System In Mobile Environments, IEEE Transactions on Communications, Sept. 1998, pages 2198-2204	
		Steele: "Mobile Radio Communications", Pentech Press, London, IEEE Press, NY, Chapter 2.3.1	
EXAMINER		DATE CONSIDERED	

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Substitute for PTO/SB/O8A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Approved for use through 10/31/2021. GSA F027-0657
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Sheet 2 of 2

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10/518183

Application Number	107318189
Filing Date	December 16, 2004
First Named Inventor	Rainer BOTT
Group Art Unit	
Examiner Name	
Attorney Docket Number	M1211/20018

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (If known)			

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